Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1   1.   (currently amended): A system for providing feedback to an
2   individual patient for automated remote patient care, comprising:
3   a server providing feedback, comprising:
4   a database module collecting device measures providing
5   physiological measures collected by an implantable medical device on a
6   substantially continuous basis for storage into a patient care record and receiving
7   voice feedback spoken by an individual patient substantially contemporaneous to
8   the collection of at least one set of the device measures;
9   a feedback module processing the voice feedback into normalized
10   quality of life measures for storage into the patient care record; and
11   an analysis module analyzing the physiological measures and the
12   quality of life measures stored in the patient care record through derived measure
13   determination and statistical value calculation relative to at least one of other
14   physiological measures and other quality of life measures to determine a patient
15   status indicator.

1   2.   (original): A system according to Claim 1, further comprising:
2   the analysis module comparing the physiological measures and quality of
3   life measures stored in the patient care record to at least one of physiological
4   measures and quality of life measures stored in patient care records for the
5   individual patient, a patient peer group, and a patient population.

1   3.   (original): A system according to Claim 1, wherein the
2   physiological measures comprise at least one of a collected physiological measure
3   or a derived physiological measure.

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1   4.   (original): A system according to Claim 1, further comprising:
2   the feedback module generating automated feedback from the patient
3   status indicator.

1   5.   (original): A system according to Claim 4, further comprising:
2   the feedback module providing tiered automated feedback comprising:
3   at a first level of feedback, communicating an interpretation of the
4   patient status indicator;
5   at a second level of feedback, communicating a notification of
6   potential medical concern based on the patient status indicator;
7   at a third level of feedback, communicating a notification of
8   potential medical concern based on the patient status indicator to medical
9   personnel; and
10   at a fourth level of feedback, communicating a set of
11 reprogramming instructions based on the patient status indicator to the
12 implantable medical device.

1   6.   (original): A system according to Claim 4, wherein the automated
2   feedback comprises at least one of the group consisting of a peer group status
3   indicator, a historical status indicator, a trend indicator, a medicinal efficacy
4   indicator, and a wellness indicator.

1   7.   (original): A system according to Claim 1, further comprising:
2   the feedback module requesting the spoken voice feedback through pre-
3   determined prompts, each such prompt being associated with a quality of life
4   measure and parsing the spoken voice feedback in accordance with a voice
5   grammar and speech vocabulary.

1   8.   (currently amended): A method for providing feedback to an
2   individual patient for automated remote patient care, comprising:
3   providing patient feedback, comprising:

4   collecting device measures providing physiological measures

5   collected by an implantable medical device on a substantially continuous basis for

6   storage into a patient care record;

7   receiving voice feedback spoken by an individual patient

8   substantially contemporaneous to the collection of at least one set of the device

9   measures;

10   processing the voice feedback into normalized quality of life

11   measures for storage into the patient care record; and

12   analyzing the physiological measures and the quality of life

13   measures stored in the patient care record through derived measure determination

14   and statistical value calculation relative to at least one of other physiological

15   measures and other quality of life measures to determine a patient status indicator.

1   9.   (original): A method according to Claim 8, further comprising:

2   comparing the physiological measures and quality of life measures stored

3   in the patient care record to at least one of physiological measures and quality of

4   life measures stored in patient care records for the individual patient, a patient

5   peer group, and a patient population.

1   10.   (original): A method according to Claim 8, wherein the

2   physiological measures comprise at least one of a collected physiological measure

3   or a derived physiological measure.

1   11.   (original): A method according to Claim 8, further comprising:

2   generating automated feedback from the patient status indicator.

1   12.   (original): A method according to Claim 11, further comprising:

2   providing tiered automated feedback comprising:

3   at a first level of feedback, communicating an interpretation of the

4   patient status indicator;

5   at a second level of feedback, communicating a notification of

6   potential medical concern based on the patient status indicator;

7   at a third level of feedback, communicating a notification of

8   potential medical concern based on the patient status indicator to medical

9   personnel; and

10   at a fourth level of feedback, communicating a set of

11   reprogramming instructions based on the patient status indicator to the

12   implantable medical device.

1   13.   (original): A method according to Claim 11, wherein the

2   automated feedback comprises at least one of the group consisting of a peer group

3   status indicator, a historical status indicator, a trend indicator, a medicinal efficacy

4   indicator, and a wellness indicator.

1   14.   (original): A method according to Claim 8, further comprising:

2   requesting the spoken voice feedback through pre-determined prompts,

3   each such prompt being associated with a quality of life measure; and

4   parsing the spoken voice feedback in accordance with a voice grammar

5   and speech vocabulary.

1   15.   (currently amended): A computer-readable storage medium

2   holding code for providing feedback to an individual patient for automated remote

3   patient care, comprising:

4   code for providing patient feedback, comprising:

5   code for collecting device measures providing physiological

6   measures collected by an implantable medical device on a substantially

7   continuous basis for storage into a patient care record;

8   code for receiving voice feedback spoken by an individual patient

9   substantially contemporaneous to the collection of at least one set of the device

10   measures;

11   code for processing the voice feedback into normalized quality of

12   life measures for storage into the patient care record; and

13   code for analyzing the physiological measures and the quality of

14   life measures stored in the patient care record through derived measure

15   determination and statistical value calculation relative to at least one of other

16   physiological measures and other quality of life measures to determine a patient

17   status indicator.

1   16.   (original): A storage medium according to Claim 15, further

2   comprising:

3   code for comparing the physiological measures and quality of life

4   measures stored in the patient care record to at least one of physiological

5   measures and quality of life measures stored in patient care records for the

6   individual patient, a patient peer group, and a patient population.

1   17.   (original): A storage medium according to Claim 15, further

2   comprising:

3   code for generating automated feedback from the patient status indicator.

1   18.   (original): A storage medium according to Claim 17, further

2   comprising:

3   code for providing tiered automated feedback comprising:

4   at a first level of feedback, communicating an interpretation of the

5   patient status indicator;

6   at a second level of feedback, communicating a notification of

7   potential medical concern based on the patient status indicator;

8   at a third level of feedback, communicating a notification of

9   potential medical concern based on the patient status indicator to medical

10   personnel; and

11   at a fourth level of feedback, communicating a set of

12   reprogramming instructions based on the patient status indicator to the

13   implantable medical device.

1   19.   (original): A storage medium according to Claim 15, further

2   comprising:

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3   code for requesting the spoken voice feedback through pre-determined

4   prompts, each such prompt being associated with a quality of life measure; and

5   code for parsing the spoken voice feedback in accordance with a voice

6   grammar and speech vocabulary.

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